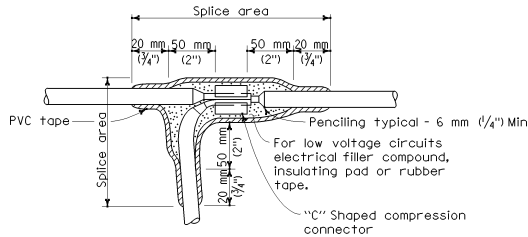


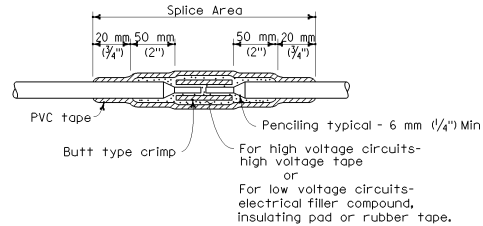
TYPE "C" SPLICE

Between 1 free-end and 1 through conductor



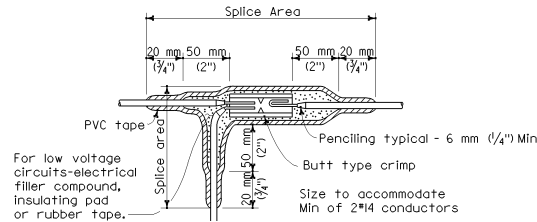
TYPE "T" SPLICE

For 3 free-ends



TYPE "S" SPLICE

Between 2 free-ends



TYPE "ST" SPLICE

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p><i>Theresa Gabriel</i> REGISTERED PROFESSIONAL ENGINEER No. E15123 Exp. 6-30-04 STATE OF CALIFORNIA</p>					
<p>July 1, 2002 PLANS APPROVAL DATE</p>					
<p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p>					
<p>Caltrans now has a web site! To get to the web site, go to: http://www.dtd.ca.gov</p>					

NOTES

1. All dimensions are minimum.
2. Rubber tapes shall be rolled after application.

INSULATION METHODS

Low Voltage Circuits (0-600 V)

METHOD "A" (Used only when specified)

1. Completely cover the splice area with electrical insulating coating and allow to dry.
2. Apply electrical filler compound with minimum thickness of 4 mm (0.15").
3. Apply 3 layers half lapped polyvinyl chloride tape.
4. Cover entire splice with electrical insulating coating and allow to dry.

OR

METHOD "B"

1. Completely cover the splice area with electrical insulating coating and allow to dry.
2. Apply 2 layers of electrical insulating pad with minimum thickness of 4 mm (0.15") each layer or 2 layers, half lapped, synthetic oil resistant, self fusing rubber tape.
3. Apply 3 layers half lapped polyvinyl chloride tape.
4. Cover entire splice with electrical insulating coating and allow to dry.

High Voltage Circuits (Over 600 V)

1. Completely cover the splice area with electrical insulating coating and allow to dry.
2. Apply high voltage tape to a minimum thickness equal to original insulation.
3. Apply 3 layers half lapped polyvinyl chloride tape.
4. Cover entire splice with electrical insulating coating and allow to dry.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS SPLICING DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-13A